

JAN 25 2005

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**FACSIMILE COVER SHEET**

DATE: January 25, 2005

FOR: Examiner Tiffany Fetzner

COMPANY OR FIRM: PTO

FACSIMILE NO.: (703) 872-9306

FROM: Beth Pearson-Naul for Kaushik P. Sriram

RE: Serial No.: 10/757,051  
Docket No.: 584-23131-USD  
Title: "Combined Characterization and Inversion of  
Reservoir Parameters from Nuclear, NMR and  
Resistivity Measurements"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 11

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Substitute Response to Office Action of October 5, 2004 and Response to Notice of Non-Compliant Amendment

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Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Juergen S. Schoen et al.	§	Group Art Unit: 2859
SERIAL NO.: 10/757,051	§	
	§	Examiner: Fetzner, Tiffany
FILED: January 14, 2004	§	
	§	Confirmation No.: 4819
TITLE: "Combined Characterization and	§	
Inversion of Reservoir Parameters	§	Atty Docket No.: 584-23131-USD
from Nuclear, NMR and Resistivity	§	
Measurements"	§	

**SUBSTITUTE RESPONSE TO OFFICE ACTION OF OCTOBER 5, 2004 AND  
RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

This is in response to the office action of October 5, 2004. Reconsideration of the application as amended is respectfully requested. Amendments to the specifications start on page 2 of this document. Amendments to the claims start on page 3 of this document. Remarks start on page 9 of this document.